

Public Information Meeting

State Project No. 88-186

***Rehabilitation of Bridge No. 02917
Curtis Street over Route 72***

New Britain, Connecticut



CTDOT Design Team

Bureau of Engineering and Construction

Contact:

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Consultant Liaison: Close, Jensen and Miller, P.C.

Contact:

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A. DiCesare Associates, P.C.

Contact:

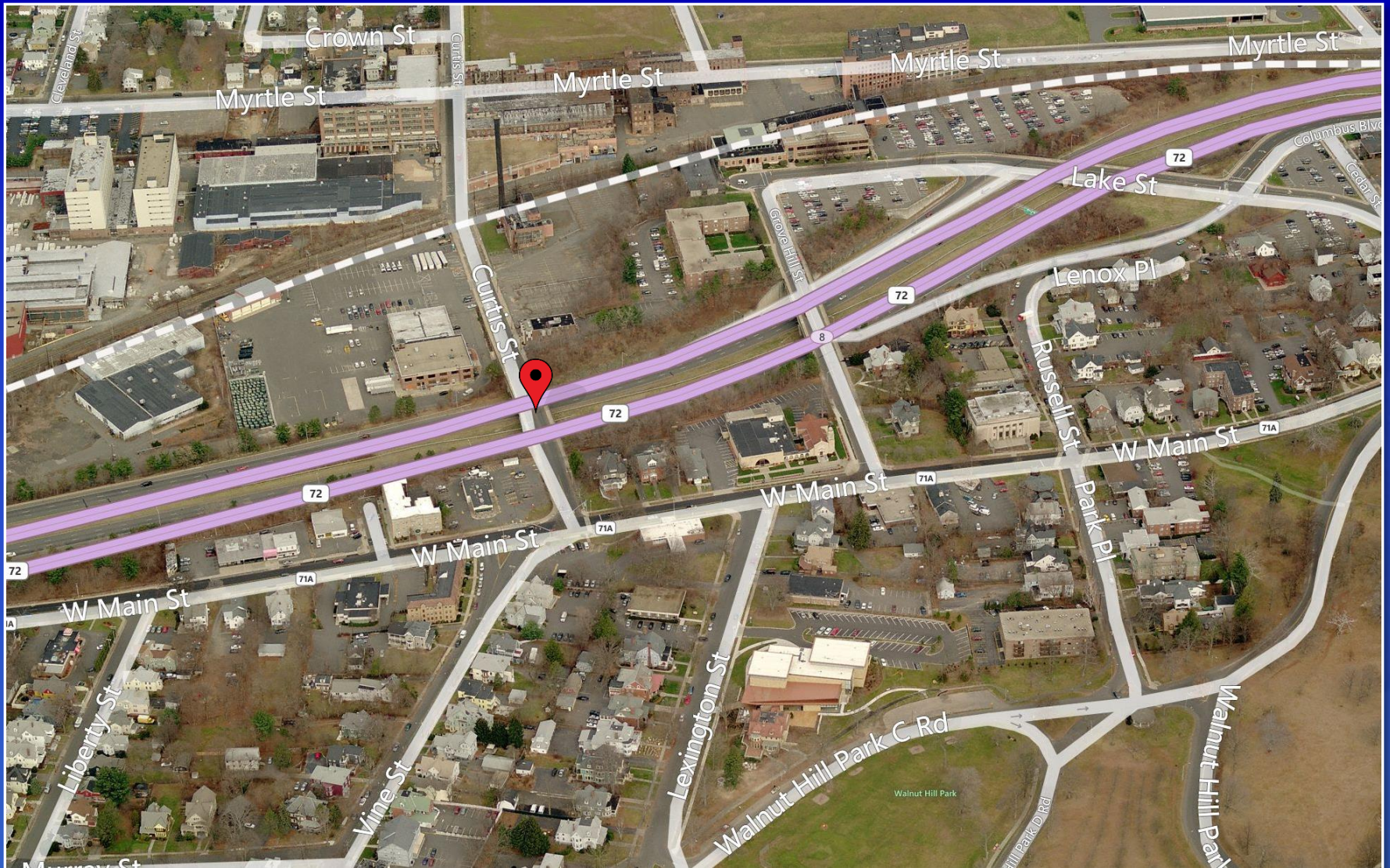
Mr. Joseph Solis P.E.



Project Goals

- **Rehabilitate bridge to a state of good repair**
- **Minimize disturbance to traveling public**
- **Complete construction in a timely manner**
- **Effectively use funds**





Project Location

Connecticut Department of Transportation



Bridge No. 02917



West Elevation

Route 72, Looking East

Connecticut Department of Transportation



Existing Bridge

- **Built in 1973**
- **58" prestressed concrete girders**
- **Total length of 212 feet; N span slightly longer**
- **36.0 feet curb-to-curb; 52.5 feet out-to-out**
- **ADT: 4,060 vehicles (Route 72 ADT: 65,500)**





North Approach

Curtis St, Looking South

Connecticut Department of Transportation





South Approach

Curtis St, Looking North

Connecticut Department of Transportation



Reasons for Project

Poor condition of prestressed concrete girders



Utility Coordination

Utilities will have to be relocated as a result of construction



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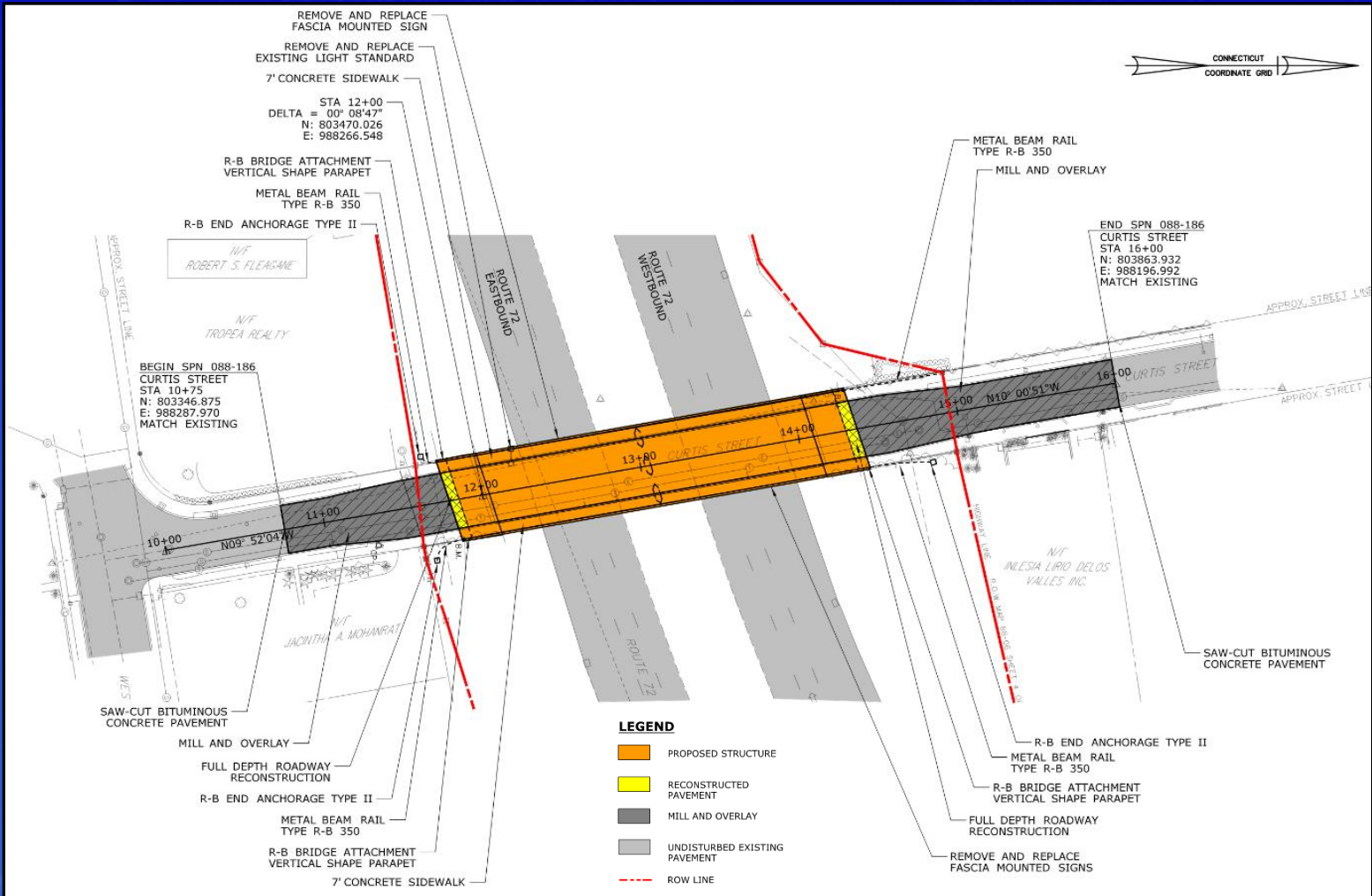


Proposed Rehabilitation

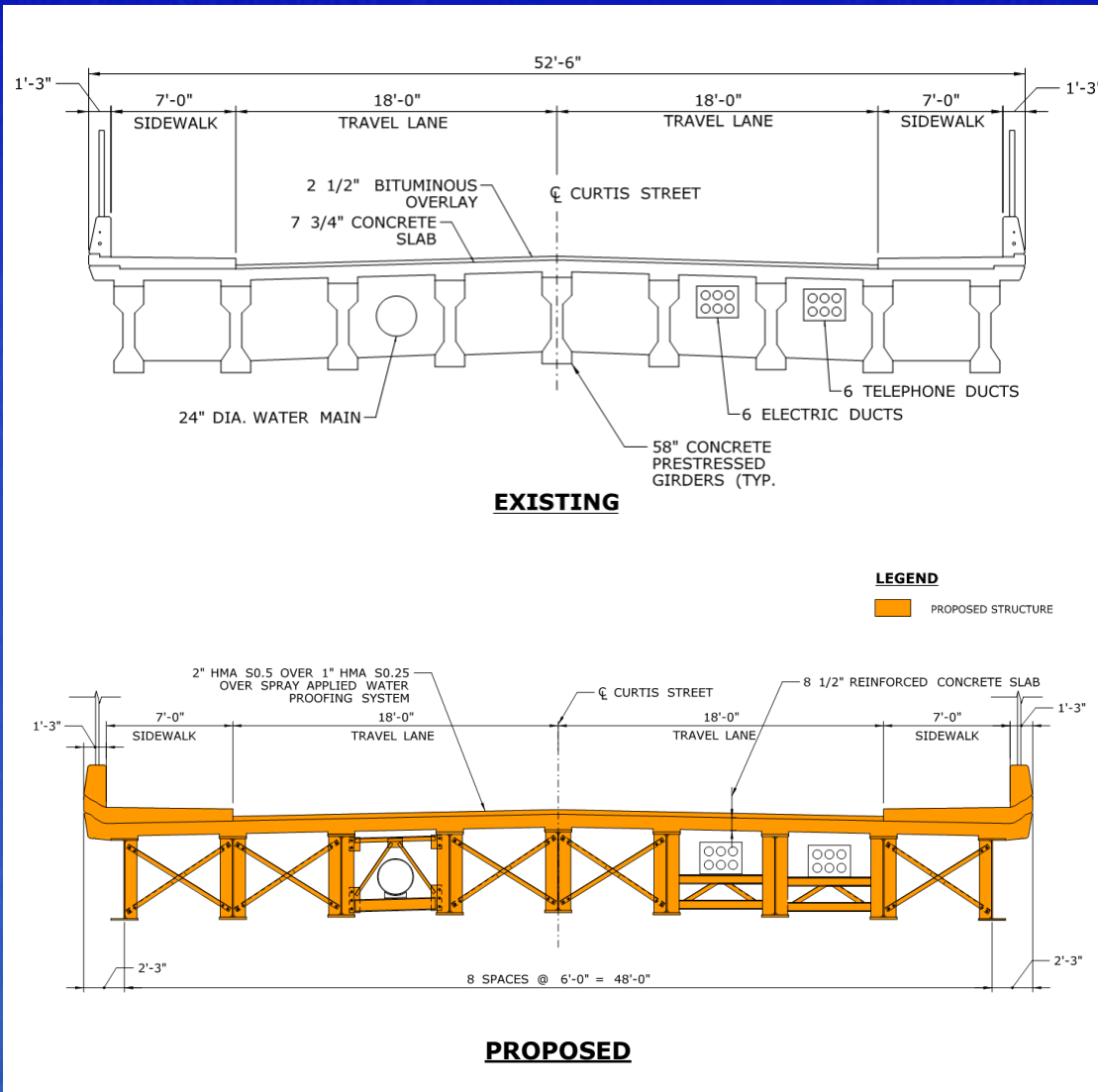
- **Maintain existing bridge footprint**
- **Two stage construction, one-way SB detour**
- **Weathering steel beams & substructure modification**
- **No environmental permitting is anticipated.**



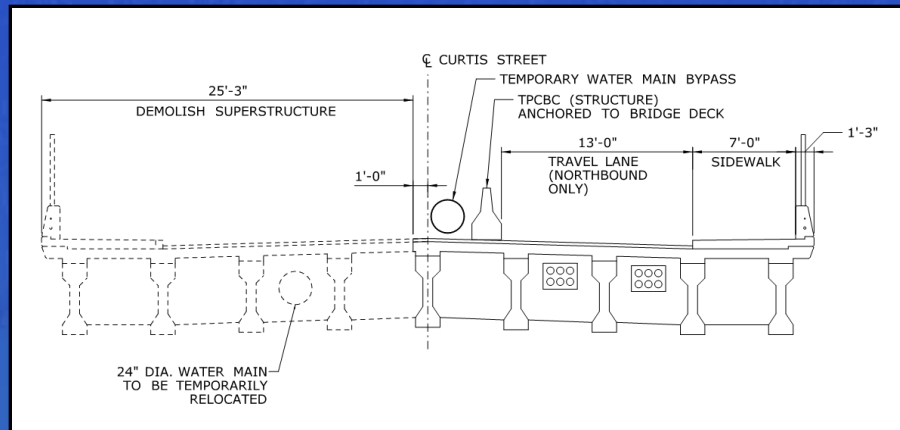
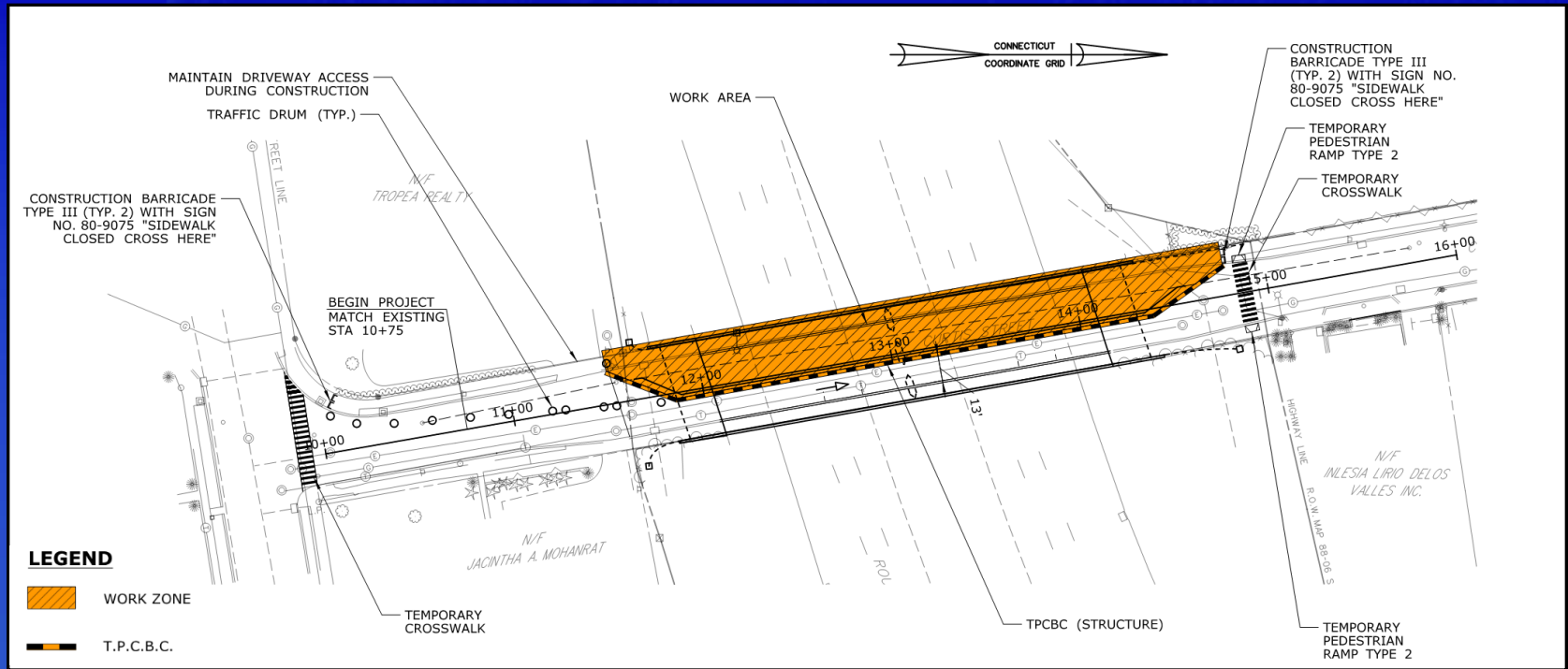
Proposed Roadway



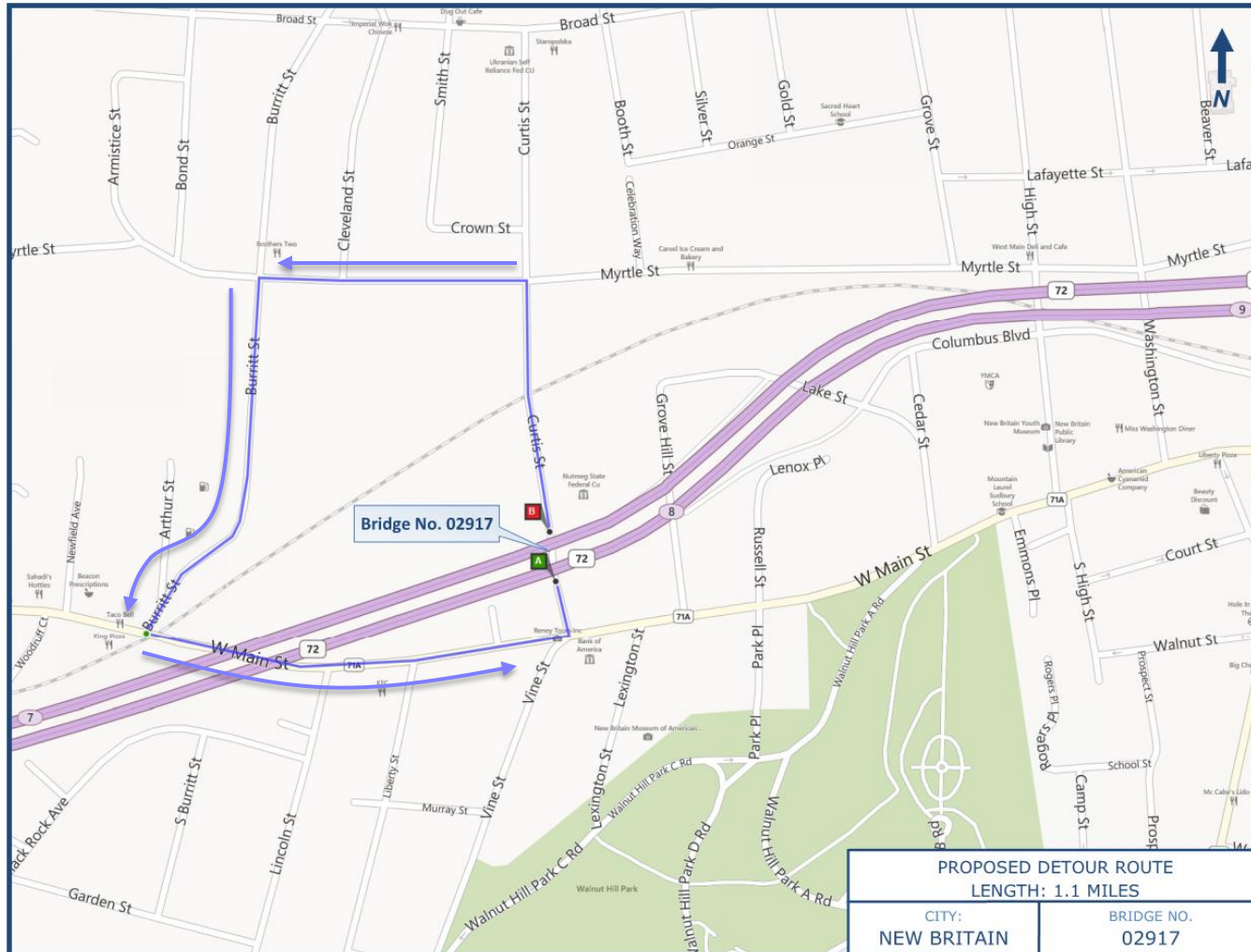
Existing & Proposed Section



Stage 1



Proposed SB Detour

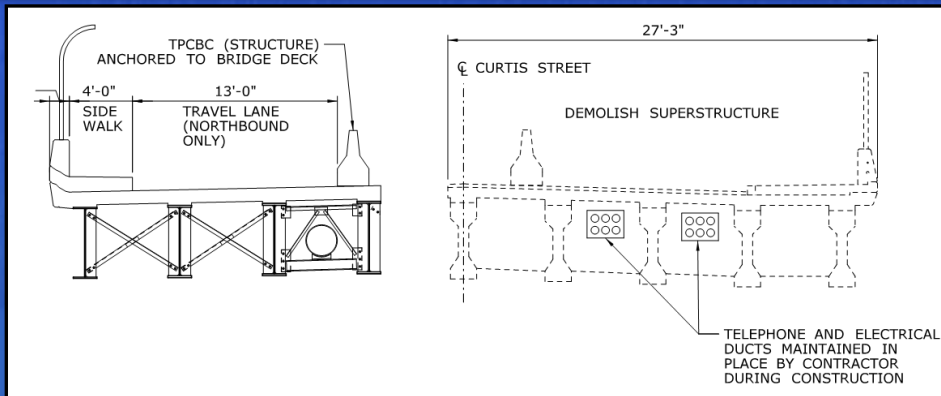
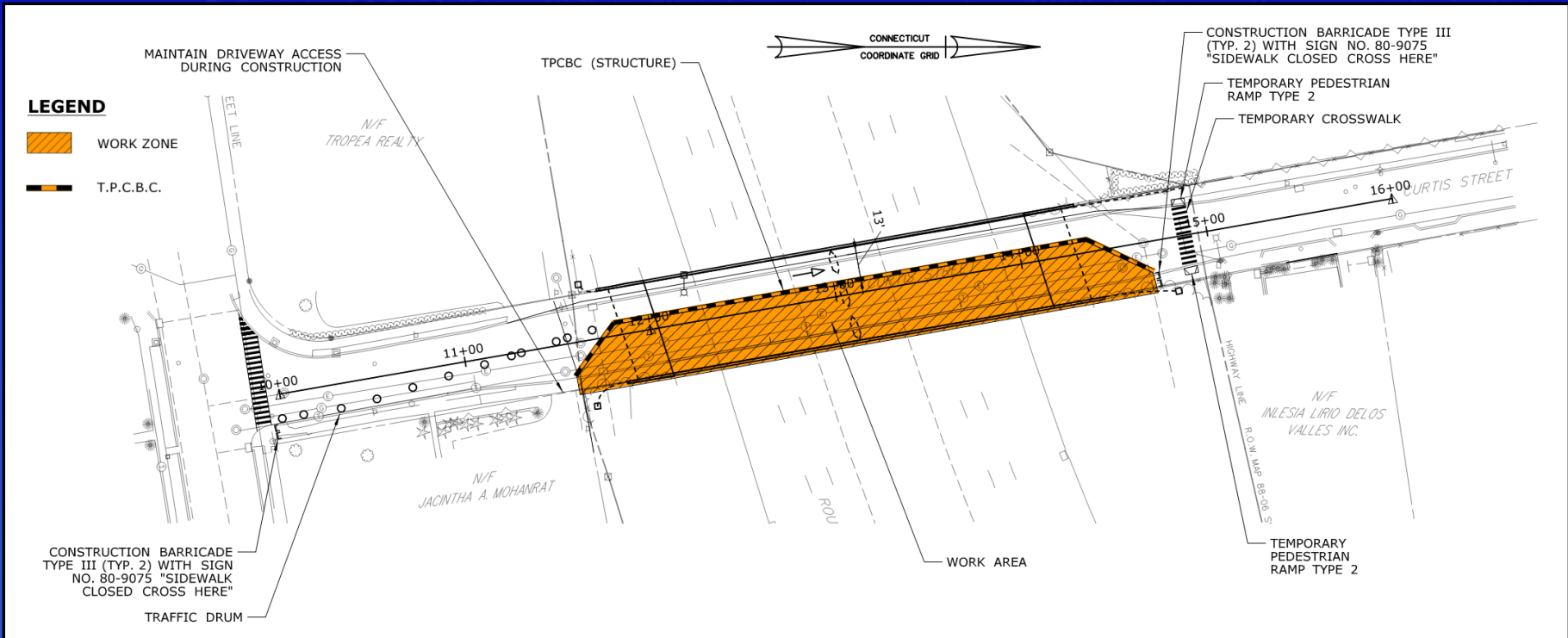


Reasons for SB Detour

- **Limited sight distance prohibits alternating one-way traffic**
- **Temporary signalization not feasible given site conditions**
- **Reduced design & construction time results in cost savings to the State**



Stage 2



Connecticut Department of Transportation



Project Schedule & Cost

Spring 2017 Construction

Cost: \$7,800,000

****Predicated upon the completion of other State projects in the vicinity and the availability of funding.***



THANK YOU...

***FOR YOUR TIME AND
ATTENTION***

Connecticut Department of Transportation

